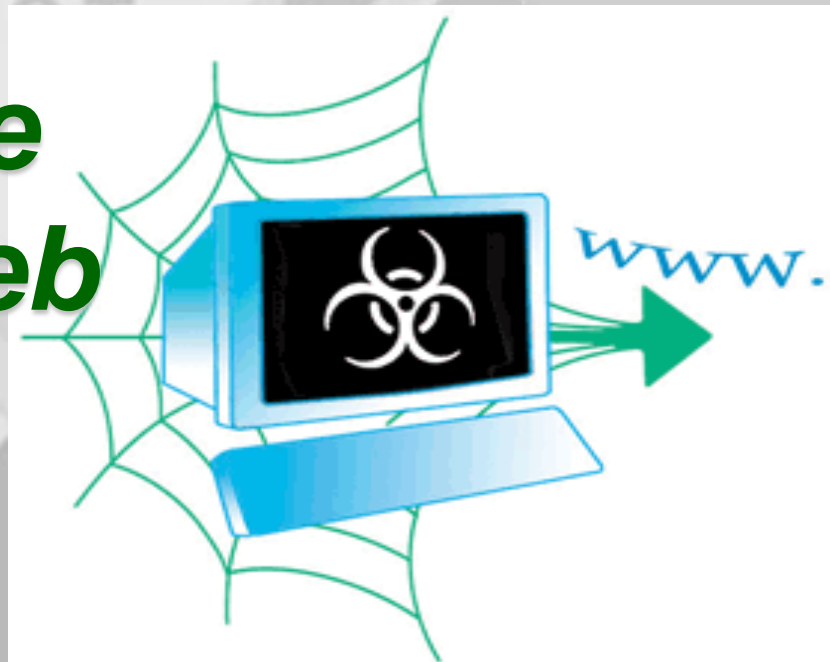




# U.S. Army Information Operations Command Vulnerability Assessment

## ***OPSEC and the World Wide Web***





# Information and Value

TASK: For OPSEC to be effective, all Army personnel (Soldier, DA Civilian, and DOD contractors) must be **trained** and aware of OPSEC and understand how OPSEC complements traditional security programs. All personnel must know how to apply and practice OPSEC in the performance of their daily task.

CONDITIONS: In a class room environment give extracts from AR 530-1

STANDARDS: IAW AR 530-1



# Information and Value

- 80%+ of all intelligence is from unclassified sources
- Tidbits of information are pieces of a puzzle
- Even **your** tidbits help complete the picture
- Objective: make yourself & your mission the hard target. Let the bad guys find a softer target somewhere else!



# The Adversaries

- Foreign Nationals
- Terrorists
- Hackers
- Criminals
- Competitors
- Insiders





# Consider YOURSELF a Target

- You and Your Family
- Your Friends & Neighbors
- Your fellow soldiers
- Your Job
- Your Mission
- Your Unit
- Your Country



“The Manchester Document”  
A Terrorist Handbook

FOUO



# Are You the Weakest Link?

**Vulnerabilities:** Weaknesses the adversary can exploit to get to the critical information





# Web Log Vulnerabilities

- Photos (with captions!)
- Installation maps with highlights of designated points of interest (sleep/work, CDR, chow hall, etc)
- Security Operating Procedures
- Tactics, Techniques and Procedures
- Our capabilities
- The morale of you and the soldiers in your unit
- Undermining your senior leadership

**Sensitive Information?**



# Web Log Vulnerabilities



A US soldier stands guard as a suspected looter begs to be released after they were caught while fleeing a building on fire in Baghdad, Iraq (news - web sites) Saturday June 28, 2003. The suspects were allegedly looting gasoline from the building. 12-year old Mudhr Abdul Muhsin, bottom, was released later

This photo can be used against us both from the adversary and our own people. Perceptions can be your WORST enemy. If you were a bad guy, could you use this?



# Web Log Targeting



COULD YOUR FAMILY BE A  
TARGET?

## (JOURNAL OF A MILITARY HOUSEWIFE)

INFORMATION WAS OBTAINED FROM A FAMILY WEBSITE:

1. HUSBAND'S NAME, HOMETOWN, UNIT, AND DATES OF DEPLOYMENT.
2. PICTURE OF SPOUSE
3. EXPECTING THEIR FIRST CHILD ON DECEMBER 8, 2005.
4. BABY SHOWER SCHEDULED FOR OCTOBER 22, 2005
5. DATE SPOUSE FAILED HER DRIVER'S TEST

A **GOOGLE SEARCH** ON INFORMATION OBTAINED FROM WEBSITE REVEALED:

1. SPOUSE'S A.K.A. (Screen Name)
2. COUPLE'S HOME ADDRESS
3. SPOUSE'S DATE OF BIRTH
4. HUSBAND'S YEAR OF BIRTH
5. DATE SPOUSE OBTAINED HER DRIVER'S LICENSE.



# Personal Web Page Vulnerabilities

- Personal web pages can expose something the unit would like to protect
- A picture is worth a thousand words
- We enlisted – our families didn't
- Individuals expose information because:
  - They're proud of their work
  - They're marketing the unit or they want public support
  - They're miffed or frustrated



# Countermeasures

Anything that effectively negates or reduces an adversary's ability to exploit our vulnerabilities.



Would you want the enemy to read this?

If the answer is NO, DON'T PUT IT ON THE WEB!

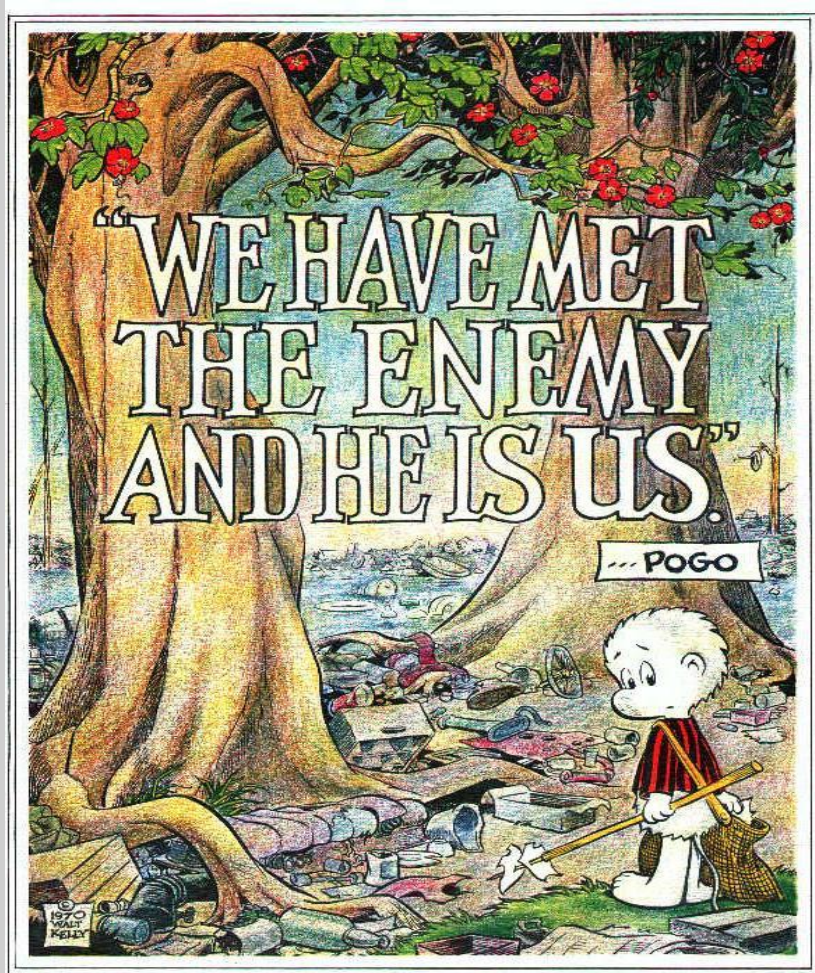


# What YOU Can Do

- Post information that has no significant value to the adversary
- Consider the audience when you're posting to a blog, personal web page or EMail
- Always assume the adversary is reading your material
- *Believe* the bad guys when they threaten you
- Work with your OPSEC Officer – follow policies and procedures!



# The Challenge



Think like the bad guy  
**before** you post your  
photographs and  
information in a blog, a  
personal web page, or  
in your EMail

Sometimes we can be our own worst enemies

*United States Army Student Detachment*

*Presents this*

# Certificate of Completion

*to*

TYPE YOUR LAST NAME, FIRST NAME

*For successful completion of*

OPSEC/ELECTRONIC SECURITY TRAINING

*Trainee Signature*

*Certifying Official*

FOUO



**“Iron Fist”**